

### **BORING NUMBER: MW-10is**

2112 Carmen Court Goshen, Indiana Ph: (574) 537-0881 www.robertsenvserv.com

Surveyed (check if Yes): 🗵 *TOC Elevation* = 767.34

X = 4285.5777

**Project Number: 11-10378-50** y = 4368.2268 Client: Barnes & Thornburg

**Project:** Lane Street

Location: Elkhart, IN Date: 9/5/2012

SAMPI	LE INF	ORMA T		SUBSURFACE PROFILE			
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	Well Completion
				Ground Surface (Elev. =		-0	4
0-2				TOPSOIL		- "	"
2-5				SILTY MEDIUM SAND Silt 20% and Medium Sand 80%. Dusky yellowish brown (10YR 2/2).		-2 -2 - -4	
5-7				FINE/MEDIUM SAND Fine Sand 90% and Medium Sand 10%. Moderate brown (5YR 3/4) to moderate yellowish brown (10YR 5/4). Wet at 5.25'. Some Silt at 6-6.5'.		- - -6 -	
7-10				COARSE/MEDIUM/FINE SAND Fine Sand 40%, Coarse Sand 10%, and Medium Sand 50%. Moderate yellowish brown (10YR 5/4).		-8 - - -10	
10-12				More Fine Sand and less Medium Sand at 10-15'.		- - - -12	
12-15						- - -14 -	
15-17				MEDIUM/FINE/COARSE SAND		- -16 -	D
17-20				Coarse Sand 30%, Medium Sand 60%, and Fine Sand 10%. Trace amount of Gravel. Moderate yellowish brown (10YR 5/4).	స్ట్రాండ్ల స్ట్రాండ్ల	- -18 -	
20-22				COARSE SAND/GRAVEL Gravel 10-20%, Coarse Sand 30%, Medium Sand 30%, and Fine Sand 30%.		-20 - - -22	
22-25				Some Iron stains at 20-21'. Less amounts of Gravel at 23-24.5'. Change to gray at 25'.		- 22 - - -24	
25-27						_ _26 _	
27-30					3002300 2002300 3002300 3002300 3003300	- -28 - - -30	
				End of Boring		50	
Geology de Geoprobe b	escription take poring done of	ten from pre on Novembe	vious r 9, 2011.	Ground Water Sample Submitted for Lab Analysis.		- -32 -	



### **BORING NUMBER: MW-10iu**

2112 Carmen Court Goshen, Indiana Ph: (574) 537-0881 www.robertsenvserv.com

Project Number: 11-10378-50

Surveyed (check if Yes): 

X
TOC Elevation = 767.35

X = 4286.2970Y = 4367.7909 Client: Barnes & Thornburg

Project: Lane Street
Location: Elkhart, IN

				67.7909 Date: 9/5/2012			
SAMPI	LE INF	<b>ORMA</b>	TION	SUBSURFACE PROFILE			
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	Well Completion
				Ground Surface ( <i>Elev.</i> =		-0	
0.2				TOPSOIL		-0	<b>"   </b> "
2-5				SILTY MEDIUM SAND Silt 20% and Medium Sand 80%. Dusky yellowish brown (10YR 2/2).		-2 -2 - - -4	
5-7				FINE/MEDIUM SAND Fine Sand 90% and Medium Sand 10%. Moderate brown (5YR 3/4) to moderate yellowish brown (10YR 5/4). Wet at 5.25'. Some Silt at 6-6.5'.		- - -6 -	=
7-10				COARSE/MEDIUM/FINE SAND Fine Sand 40%, Coarse Sand 10%, and Medium Sand 50%. Moderate yellowish brown (10YR 5/4).		-8 - - -10	
10-12				More Fine Sand and less Medium Sand at 10-15'.		- 10 - - -12	
12-15						- - -14 -	
15-17				MEDIUM/FINE/COARSE SAND Coarse Sand 30%, Medium Sand 60%, and Fine		- -16 -	
17-20				Sand 10%. Trace amount of Gravel. Moderate yellowish brown (10YR 5/4).  COARSE SAND/GRAVEL	Mob Mog	-18 -	
20-22				Gravel 10-20%, Coarse Sand 30%, Medium Sand 30%, and Fine Sand 30%.  Some Iron stains at 20-21'.		-20 - - - -22	Ħ
22-25				Less amounts of Gravel at 23-24.5'. Change to gray at 25'.			
25-27					00,000 30,000 00,000 00,000	- -26 -	
27-30					30% 30% 20% 30% 30% 30% 20% 30%	-28 -28 - -30	
		ken from pre on Novembe		End of Boring  Ground Water Sample Submitted for Lab Analysis.		-30 -32 32	



### **BORING NUMBER: MW-14i**

2112 Carmen Court Goshen, Indiana Ph: (574) 537-0881 www.robertsenvserv.com

*TOC Elevation* = 767.61

X = 4282.3669

Project Number: 11-10378-50 Y = 4246.4648 Client: Barnes & Thornburg

**Project:** Lane Street

Location: Elkhart, IN

SAMP	LE INF	ORMAT	TION	SUBSURFACE PROFILE			
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	Well Completion
				Ground Surface ( <i>Elev.</i> =		-0	<b>—</b>
0-2	8:26	90	0.0	SILTY MEDIUM/FINE SAND Silt 30% with Medium and Fine Sand. Some Gravel. Moderate brown (5YR 3/4).		- - -2	
2-5	8:27	90	0.0	SILTY MEDIUM/FINE SAND Silt 20-30% with Medium and Fine Sand. Moderate yellowish brown (10YR 5/4). Some		- - - -4 -	
5-7	8:32	90	0.0	Topsoil intermixed. An 8" layer of Topsoil at 2.5'. / FINE/MEDIUM SAND		_ _6	<del>T</del>
7-10	8:33	90	0.0	Fine Sand 70% and Medium Sand 30%. Some Silt. Moderate yellowish brown (10YR 5/4). Wet at 5.5-5.75'.  Moderate yellowish brown (10YR 5/4) to pale		-8 8	
10-12	8:40	60	0.6	yellowish brown (10YR 6/2) from 6-10'. Some Iron stains at 7.5'. Medium Sand 40% at 10-14'.		-10 - -	
12-15	8:41	60	0.4	COARSE SAND/GRAVEL	<u>ಸೆಂಕ್ಷಿಸ</u> ೆಂಕ್ಷ	-12 - - - -14	
15-17	8:51	90	0.4	Gravel 10%, Fine Sand 30%, Coarse Sand 30%, and Medium Sand 30%. Gray to pale yellowish	ؠڵٷ؞ؠڴڡ ٷٷڝٷ ٷؙٷ؞ٷؙۮ	- -16 -	
17-20	8:52	90	0.2	brown (10YR 6/2). Some angular Coarse Sand and Gravel. Gravel 20% at 17.5-18.5'.	% 62 % 60 % 62 % 60 % 62 % 60 % 62 % 60 % 62 % 60	- -18 -	
20-22	9:02	80	0.3	MEDIUM/FINE SAND Medium Sand 40% and Fine Sand 60%. Trace	2 <u>5% 25%</u>	-20 - -	
22-25	9:03	80	0.5	amount of Coarse Sand. Gray to pale yellowish brown (10YR 6/2).  COARSE SAND/GRAVEL	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	-22 - - - -24	
25-27	9:15	70	0.5	Gravel 10-20% and Coarse Sand 80%, with Fine/Medium Sand. A 0.25" black layer at 24'.	% \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	_ -26	
27-30	9:16	70	0.6	Gravel 30% at 28.5-30'.		-28 -28	
				End of Boring Ground Water Sample Submitted for Lab Analysis.		-30 - -32	



# **BORING NUMBER: MW-14is**

2112 Carmen Court Goshen, Indiana Ph: (574) 537-0881 www.robertsenvserv.com

**Project Number:** 11-10378-50

Surveyed (check if Yes): 

TOC Elevation = 767.64

X = 4284.5331Y = 4245.0990 Client: Barnes & Thornburg

**Project:** Lane Street

Location: Elkhart, IN

SAMP	LE INF	ORMA I		SUBSURFACE PROFILE			
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	Well Completion
				Ground Surface ( <i>Elev.</i> =		-0	
0-2	8:26	90	0.0	SILTY MEDIUM/FINE SAND Silt 30% with Medium and Fine Sand. Some Gravel. Moderate brown (5YR 3/4).		- - - -2	
2-5	8:27	90	0.0	SILTY MEDIUM/FINE SAND Silt 20-30% with Medium and Fine Sand. Moderate yellowish brown (10YR 5/4). Some		- - - -4 -	
5-7	8:32	90	0.0	Topsoil intermixed. An 8" layer of Topsoil at 2.5'. / FINE/MEDIUM SAND		_ _6	<del>-</del>
7-10	8:33	90	0.0	Fine Sand 70% and Medium Sand 30%. Some Silt. Moderate yellowish brown (10YR 5/4). Wet at 5.5-5.75'.  Moderate yellowish brown (10YR 5/4) to pale		- -8 - -	
10-12	8:40	60	0.6	yellowish brown (10YR 6/2) from 6-10'. Some Iron stains at 7.5'. Medium Sand 40% at 10-14'.		-10 - - -12	
12-15	8:41	60	0.4	COARSE SAND/GRAVEL	<u>ಸ್ಕಾಪ್ ಸ್ಕೃತಿಸ</u>	- 12 - - -14	
15-17	8:51	90	0.4	Gravel 10%, Fine Sand 30%, Coarse Sand 30%, and Medium Sand 30%. Gray to pale yellowish brown (10YR 6/2). Some angular Coarse Sand and	, దిల్పై చిల్ల మండ్రి స్ట్రింగ్ల వీర్మ్మి చీల్త్	_ _16	
17-20	8:52	90	0.2	Gravel 20% at 17.5-18.5'.		-18 -20	
20-22	9:02	80	0.3	MEDIUM/FINE SAND Medium Sand 40% and Fine Sand 60%. Trace	25025	- 20 - - -22	
22-25	9:03	80	0.5	amount of Coarse Sand. Gray to pale yellowish brown (10YR 6/2).  COARSE SAND/GRAVEL	్టర్లు సిర్మాస్త్రించి మండ్రిమించి	- 22 24	
25-27	9:15	70	0.5	Gravel 10-20% and Coarse Sand 80%, with Fine/Medium Sand. A 0.25" black layer at 24'.	300 300 000 000 300 300 300 300	- -26 -	
27-30	9:16	70	0.6	Gravel 30% at 28.5-30'.		-28 -20	
				End of Boring  Ground Water Sample Submitted for Lab Analysis.		-30 -32	



# **BORING NUMBER: MW-14iu**

2112 Carmen Court Goshen, Indiana Ph: (574) 537-0881 www.robertsenvserv.com

*TOC Elevation* = 767.58

X = 4283.4196

Project Number: 11-10378-50 Y = 4245.7121 Client: Barnes & Thornburg

**Project:** Lane Street

Location: Elkhart, IN

SAMP	LE INF	ORMAT	TION	SUBSURFACE PROFILE			
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	Well Completion
				Ground Surface (Elev. =		-0	# <b>I</b>
0-2	8:26	90	0.0	SILTY MEDIUM/FINE SAND Silt 30% with Medium and Fine Sand. Some Gravel. Moderate brown (5YR 3/4).		_ _ _2	
2-5	8:27	90	0.0	SILTY MEDIUM/FINE SAND Silt 20-30% with Medium and Fine Sand. Moderate yellowish brown (10YR 5/4). Some		- - -4	
5-7	8:32	90	0.0	Topsoil intermixed. An 8" layer of Topsoil at 2.5'. / FINE/MEDIUM SAND		_ _6 _	=
7-10	8:33	90	0.0	Fine Sand 70% and Medium Sand 30%. Some Silt. Moderate yellowish brown (10YR 5/4). Wet at 5.5-5.75'.  Moderate yellowish brown (10YR 5/4) to pale		- -8 -	
10-12	8:40	60	0.6	yellowish brown (10YR 6/2) from 6-10'. Some Iron stains at 7.5'. Medium Sand 40% at 10-14'.		-10 - - - 12	
12-15	8:41	60	0.4	COARSE SAND/GRAVEL	స్ట్రాస్త్రాస్త్రి	-12 - - - -14	
15-17	8:51	90	0.4	Gravel 10%, Fine Sand 30%, Coarse Sand 30%, and Medium Sand 30%. Gray to pale yellowish	ۣ ؿٷٷٷ ۮٷٷٷ	- - -16	
17-20	8:52	90	0.2	brown (10YR 6/2). Some angular Coarse Sand and Gravel. Gravel 20% at 17.5-18.5'.	3000 3000 3000 3000 3000 3000 3000 3000 3000 3000	- -18 - -	
20-22	9:02	80	0.3	MEDIUM/FINE SAND Medium Sand 40% and Fine Sand 60%. Trace	<u> </u>	-20 - -	Ð
22-25	9:03	80	0.5	amount of Coarse Sand. Gray to pale yellowish brown (10YR 6/2).  COARSE SAND/GRAVEL	2000 2000 2000 2000 2000 2000 2000 2000 2000 2000	-22 - - -24	
25-27	9:15	70	0.5	Gravel 10-20% and Coarse Sand 80%, with Fine/Medium Sand. A 0.25" black layer at 24'.	Mora Mora Logica Mora Mora	_ 26	
27-30	9:16	70	0.6	Gravel 30% at 28.5-30'.	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	-28 -28	
				End of Boring Ground Water Sample Submitted for Lab Analysis.		-30 -32	



# **BORING NUMBER: MW-14ss**

2112 Carmen Court Goshen, Indiana Ph: (574) 537-0881 www.robertsenvserv.com

Surveyed (check if Yes): 🗵 *TOC Elevation* = 767.65

X = 4283.9542

**Project Number: 11-10378-50** Y = 4248.8295 Client: Barnes & Thornburg

**Project:** Lane Street

Location: Elkhart, IN

SAMP	LE INF	ORMAT	TION	SUBSURFACE PROFILE			
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	Well Completion
0-2	8:26	90	0.0	Ground Surface ( <i>Elev.</i> =  SILTY MEDIUM/FINE SAND  Silt 30% with Medium and Fine Sand. Some		-0 -	
2-5	8:27	90	0.0	Gravel. Moderate brown (5YR 3/4).  SILTY MEDIUM/FINE SAND Silt 20-30% with Medium and Fine Sand. Moderate yellowish brown (10YR 5/4). Some		-2 - - - -4 -	
5-7	8:32	90	0.0	Topsoil intermixed. An 8" layer of Topsoil at 2.5'. / FINE/MEDIUM SAND		- -6 -	
7-10	8:33	90	0.0	Fine Sand 70% and Medium Sand 30%. Some Silt. Moderate yellowish brown (10YR 5/4). Wet at 5.5-5.75'. Moderate yellowish brown (10YR 5/4) to pale		- -8 -	
10-12	8:40	60	0.6	yellowish brown (10YR 6/2) from 6-10'. Some Iron stains at 7.5'. Medium Sand 40% at 10-14'.		-10 - - - -	
12-15	8:41	60	0.4	COARSE SAND/GRAVEL	<u>ಸ್ಕೆಂದ ಸ್ಕೆಂಗ</u> -	-12 - - - -14	
15-17	8:51	90	0.4	Gravel 10%, Fine Sand 30%, Coarse Sand 30%, and Medium Sand 30%. Gray to pale yellowish	ۣ ٷٷٷٷٷ ٷٷٷٷٷ	- - -16	
17-20	8:52	90	0.2	brown (10YR 6/2). Some angular Coarse Sand and Gravel. Gravel 20% at 17.5-18.5'.	2008 2008 2008 2008 2008 2008 2008 2008 2008 2008	- -18 -	
20-22	9:02	80	0.3	MEDIUM/FINE SAND Medium Sand 40% and Fine Sand 60%. Trace	<u> </u>	-20 - -	
22-25	9:03	80	0.5	amount of Coarse Sand. Gray to pale yellowish brown (10YR 6/2).  COARSE SAND/GRAVEL	300 300 00 00 300 300 00 00 00 00	-22 - - - -24	
25-27	9:15	70	0.5	Gravel 10-20% and Coarse Sand 80%, with Fine/Medium Sand. A 0.25" black layer at 24'.	స్త్రాండ్లి స్ట్రాండ్లి స్ట్రాండ్లి స్ట్రాండ్లి స్ట్రాండ్లి స్ట్రాండ్లి స్ట్రాండ్లు	_ 26 	
27-30	9:16	70	0.6	Gravel 30% at 28.5-30'.		-28 -20	
				End of Boring  Ground Water Sample Submitted for Lab Analysis.		-30 - -32	



### **BORING NUMBER: MW-15i**

2112 Carmen Court Goshen, Indiana Ph: (574) 537-0881 www.robertsenvserv.com

Surveyed (check if Yes): □ *TOC Elevation* = 768.57

X = 4240.1996

**Project Number:** 11-10378-50 Y = 4278.6862 Client: Barnes & Thornburg

**Project:** Lane Street

Location: Elkhart, IN

SAMP	LE INF	ORMAT	TION	SUBSURFACE PROFILE			
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	Well Completion
				Ground Surface ( <i>Elev.</i> =		-0	<b></b>
0-2	9:38	90	0.0	TOPSOIL Silt 60% and Fine Sand 40%. Dusky yellowish brown (10YR 2/2). Moist to dry.		- - - -2	
2-5	9:39	90	0.0	SILTY MEDIUM/FINE SAND	· · · · · · · · · · · · · · · · · · ·	- - - -4	
5-7	9:43	80	0.0	Silt 20-30% with Medium and Fine Sand.  Moderate yellowish brown (10YR 5/4).  FINE/MEDIUM SAND		- - -6	
7-10	9:44	80	0.1	Fine Sand 50% and Medium Sand 50%. Trace amount of Coarse Sand.  Moderate yellowish brown (10YR 5/4).		- -8 -	±
10-12	9:49	80	0.1	Some Iron stains at 5-7'. Wet at 7.75'. At 9-10', Medium Sand 80%.		-10 - -	
12-15	9:50	80	0.2	From 10-15.5', Fine Sand 70% and Medium Sand 30%.		-12 - - - -14	
15-17	9:57	60	0.2		20722007	- -16	
17-20	9:58	60	0.5	COARSE SAND/GRAVEL Gravel 20%, Fine Sand 20%, Coarse Sand 30%, and Medium Sand 30%. Pale yellowish brown (10YR 6/2).	200 200 200 200	- -18 -	
20-22	10:05	70	0.1	MEDIUM/FINE SAND Medium Sand 30% and Fine Sand 70%. Moderate	٥٥؞؞٥٥؞	-20 - -	
22-25	10:06	70	0.2	yellowish brown (10YR 5/4) to pale yellowish brown (10YR 6/2).		-22 - - -24	
25-27	10:18	70	0.1	COARSE SAND/GRAVEL At 24.25-25.95, Gravel 30-40%, with Fine/Medium Sand.	2000 2000 2000 2000 2000 2000 2000 2000	-26	
27-30	10:19	70	0.4	At 29.5-30', Gravel 30-40%. All Gray 26-30'.	2002 200 2002 200 2002 2002 2002 2002	-28 -28	
				End of Boring	02870283	-30 -	
				Ground Water Sample Submitted for Lab Analysis.			



### **BORING NUMBER: MW-15is**

2112 Carmen Court Goshen, Indiana Ph: (574) 537-0881 www.robertsenvserv.com

**Project Number:** 11-10378-50

Surveyed (check if Yes):  $\boxtimes$  TOC Elevation = 768.49

X = 4242.4448

Y = 4277.9563

Client: Barnes & Thornburg

Project: Lane Street
Location: Elkhart, IN

			Y = 42	277.9563 Date: 9/5/2012			
SAMP	LE INF	ORMA T	TION	SUBSURFACE PROFILE			
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	Well Completion
				Ground Surface ( <i>Elev.</i> =		-0	
0-2	9:38	90	0.0	TOPSOIL Silt 60% and Fine Sand 40%. Dusky yellowish brown (10YR 2/2). Moist to dry.		- - - -2	
2-5	9:39	90	0.0	SILTY MEDIUM/FINE SAND	**************************************	- - - -4	
5-7	9:43	80	0.0	Silt 20-30% with Medium and Fine Sand.  Moderate yellowish brown (10YR 5/4).  FINE/MEDIUM SAND		- - -6 -	
7-10	9:44	80	0.1	Fine Sand 50% and Medium Sand 50%. Trace amount of Coarse Sand.  Moderate yellowish brown (10YR 5/4).  Some Iron stains at 5-7'.		- -8 - -	¥-
10-12	9:49	80	0.1	Wet at 7.75'. At 9-10', Medium Sand 80%. From 10-15.5', Fine Sand 70% and Medium Sand		-10 - - - -12	
12-15	9:50	80	0.2	30%.		- 12 - - 14 -	
15-17	9:57	60	0.2	COARSE SAND/GRAVEL	చందచంక	- -16 -	
17-20	9:58	60	0.5	Gravel 20%, Fine Sand 20%, Coarse Sand 30%, and Medium Sand 30%. Pale yellowish brown (10YR 6/2).		- -18 - - 20	
20-22	10:05	70	0.1	MEDIUM/FINE SAND Medium Sand 30% and Fine Sand 70%. Moderate	aUo aaUo	- - - -22	
22-25	10:06	70	0.2	yellowish brown (10YR 5/4) to pale yellowish brown (10YR 6/2).	0407-0407	- 22 - - -24	
25-27	10:18	70	0.1	COARSE SAND/GRAVEL At 24.25-25.95, Gravel 30-40%, with Fine/Medium Sand.		- - -26	
27-30	10:19	70	0.4	At 29.5-30', Gravel 30-40%. All Gray 26-30'.	00000000000000000000000000000000000000	-28	
				End of Boring		-30 -	
				Ground Water Sample Submitted for Lab Analysis.		- -32 -	



### **BORING NUMBER: MW-15iu**

2112 Carmen Court Goshen, Indiana Ph: (574) 537-0881 www.robertsenvserv.com

**Project Number: 11-10378-50** 

Surveyed (check if Yes): 

▼
TOC Elevation = 768.50

X = 4241.3571

Y = 4278.3900

Client: Barnes & Thornburg

**Project:** Lane Street **Location:** Elkhart, IN

SAMP	LE INF	ORMA I	TION	SUBSURFACE PROFILE			
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	Well Completion
				Ground Surface (Elev. =		-0	
0-2	9:38	90	0.0	TOPSOIL Silt 60% and Fine Sand 40%. Dusky yellowish brown (10YR 2/2). Moist to dry.		- - - -2	
2-5	9:39	90	0.0	SILTY MEDIUM/FINE SAND		- - - -4	
5-7	9:43	80	0.0	Silt 20-30% with Medium and Fine Sand. Moderate yellowish brown (10YR 5/4).  FINE/MEDIUM SAND		- - -6	
7-10	9:44	80	0.1	Fine Sand 50% and Medium Sand 50%. Trace amount of Coarse Sand.  Moderate yellowish brown (10YR 5/4).		- -8 -	-
10-12	9:49	80	0.1	Some Iron stains at 5-7'. Wet at 7.75'. At 9-10', Medium Sand 80%.		-10 - - -12	
12-15	9:50	80	0.2	From 10-15.5', Fine Sand 70% and Medium Sand 30%.		- 12 - - - 14 -	
15-17	9:57	60	0.2	COA DOE GAND/CDAVEY	2002 2002	_ -16	
17-20	9:58	60	0.5	Gravel 20%, Fine Sand 20%, Coarse Sand 30%, and Medium Sand 30%. Pale yellowish brown (10YR 6/2).	2000 2	-18 -20	
20-22	10:05	70	0.1	MEDIUM/FINE SAND Medium Sand 30% and Fine Sand 70%. Moderate	aDožaDo	_	
22-25	10:06	70	0.2	yellowish brown (10YR 5/4) to pale yellowish brown (10YR 6/2).		-22 - - - - -24	
25-27	10:18	70	0.1	COARSE SAND/GRAVEL At 24.25-25.95, Gravel 30-40%, with Fine/Medium Sand.		_ - -26	
27-30	10:19	70	0.4	At 29.5-30', Gravel 30-40%. All Gray 26-30'.	2002 2008 2008 2008 2008 2008 2008 2008	-28 -28	
				End of Boring	DAKE OKA	-30	
				Ground Water Sample Submitted for Lab Analysis.		- -32	



### **BORING NUMBER: MW-15ss**

2112 Carmen Court Goshen, Indiana Ph: (574) 537-0881 www.robertsenvserv.com

**Project Number:** 11-10378-50

Surveyed (check if Yes): 

▼
TOC Elevation = 768.40

X = 4243.1250Y = 4280.2357

X = 4243.1250

Client: Barnes & Thornburg

Project: Lane Street
Location: Elkhart, IN

SAMP	LE INF	ORMAT	TION	SUBSURFACE PROFILE			
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	Well Completion
				Ground Surface (Elev. =		-0	
0-2	9:38	90	0.0	TOPSOIL Silt 60% and Fine Sand 40%. Dusky yellowish brown (10YR 2/2). Moist to dry.		- - - -2	
2-5	9:39	90	0.0	SILTY MEDIUM/FINE SAND		- - - -4	
5-7	9:43	80	0.0	Silt 20-30% with Medium and Fine Sand.  Moderate yellowish brown (10YR 5/4).  FINE/MEDIUM SAND		- - -6	
7-10	9:44	80	0.1	Fine Sand 50% and Medium Sand 50%. Trace amount of Coarse Sand.  Moderate yellowish brown (10YR 5/4).		- -8 - -	
10-12	9:49	80	0.1	Some Iron stains at 5-7'. Wet at 7.75'. At 9-10', Medium Sand 80%.		-10 - - - -12	
12-15	9:50	80	0.2	From 10-15.5', Fine Sand 70% and Medium Sand 30%.		- 12 - - - 14	
15-17	9:57	60	0.2	GOA DOD GANDIGDAYDY	9/102 9/102	_ _16	
17-20	9:58	60	0.5	Gravel 20%, Fine Sand 20%, Coarse Sand 30%, and Medium Sand 30%. Pale yellowish brown (10YR 6/2).	% \$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	-18 -20	
20-22	10:05	70	0.1	MEDIUM/FINE SAND Medium Sand 30% and Fine Sand 70%. Moderate	<u>a06%a06</u>	_	
22-25	10:06	70	0.2	yellowish brown (10YR 5/4) to pale yellowish brown (10YR 6/2).		-22 - - - -24	
25-27	10:18	70	0.1	COARSE SAND/GRAVEL At 24.25-25.95, Gravel 30-40%, with Fine/Medium Sand. At 29.5-30', Gravel 30-40%. All Gray 26-30'.	2000 2000 2000 2000 2000 2000 2000 2000 2000 2000	- - -26	
27-30	10:19	70	0.4	At 27.3-30, Glavel 30-40%. All Glay 20-30.	300 200 200 200 300 200 200 200 200 200	- -28 -	
				End of Boring	DAKE OKA	-30	
				Ground Water Sample Submitted for Lab Analysis.		- -32	